blue line™ AES

APS One

The only one | all in one |

Automated Pourer Stacker

BIOMÉRIEUX

PIONEERING DIAGNOSTICS

APS One

The only one |all in one|

A NEW STANDARD OF PETRI DISHES QUALITY

- **Consistent fill level**
- **Sterility**

The patented filling and distribution system ensures maximum **reliability and quality**, and improves laboratory **productivity**.

To avoid contamination, this unique filling system closes the plate immediately after filling under UV light.

The integrated plate cooling system reduces the time for solidification of the agar as well as reducing condensation.

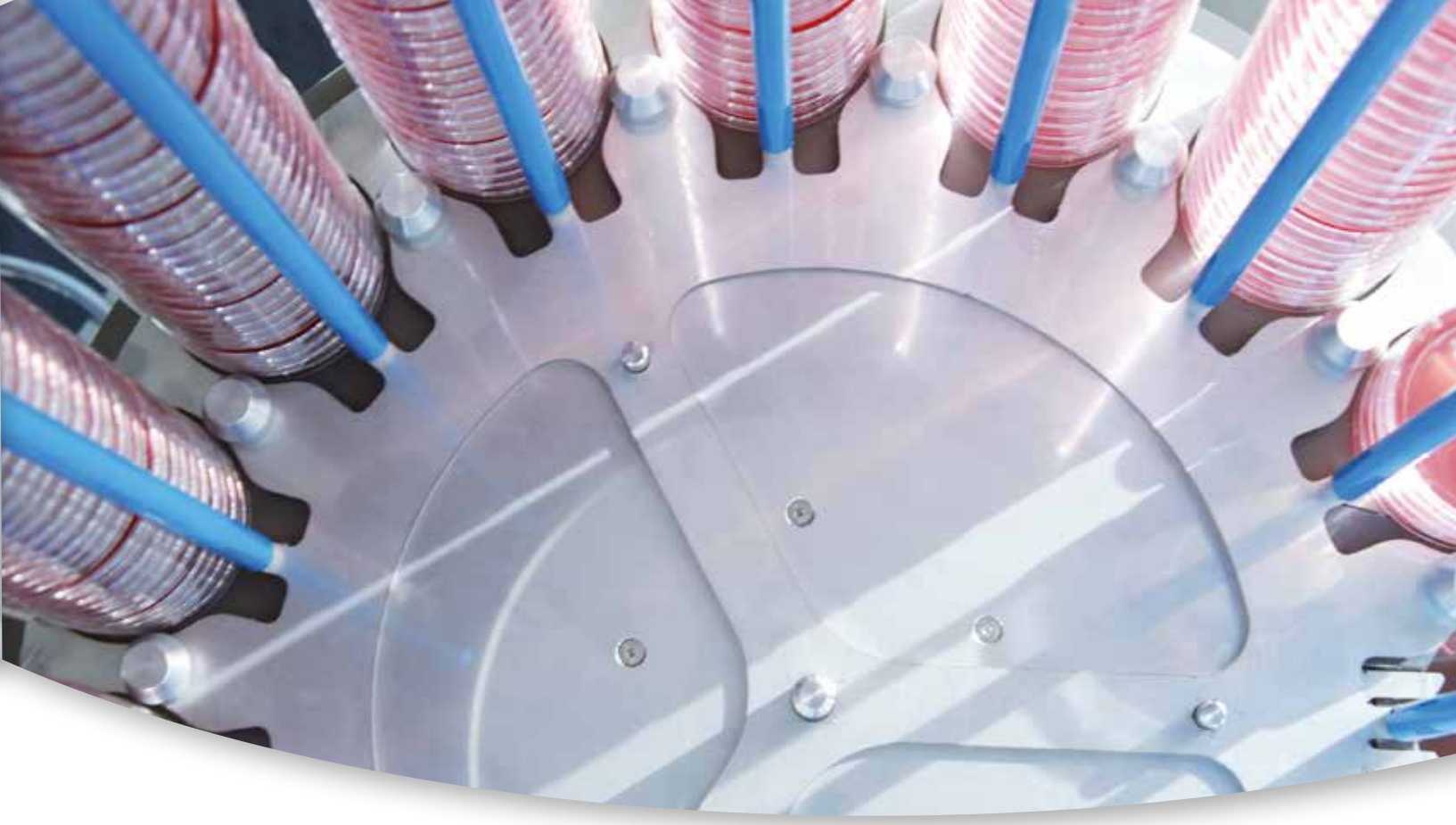
The optional 55mm plate filling kit enables switching from 90-100mm plate filling to 55-60mm plate filling very easily and quickly (within 3 minutes).

State-Of-The-Art Technology

Reduce costs! Outstanding plate quality, even for low agar filling volume.

Produce high quality blood or chocolate agar (optional in-line blood addition pump kit available).

PATENTED
New concept



The New Generation Technology

• Capacity 10 Liters of Agar

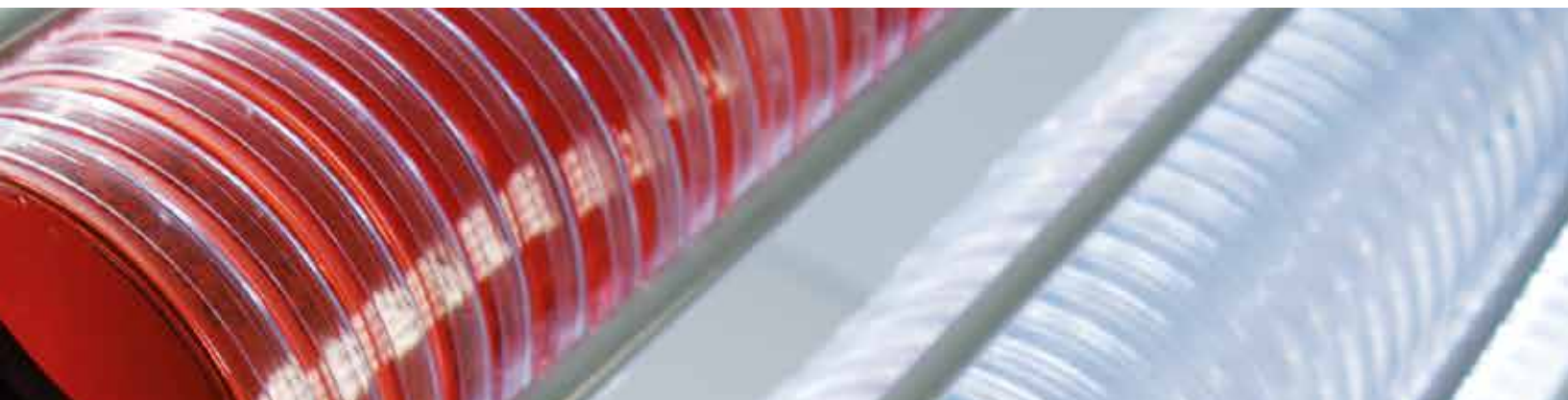
The carousel can hold 560 plates as standard, i. e. more than 10 liters of Agar can be poured without reloading the carousel (18ml/plate).

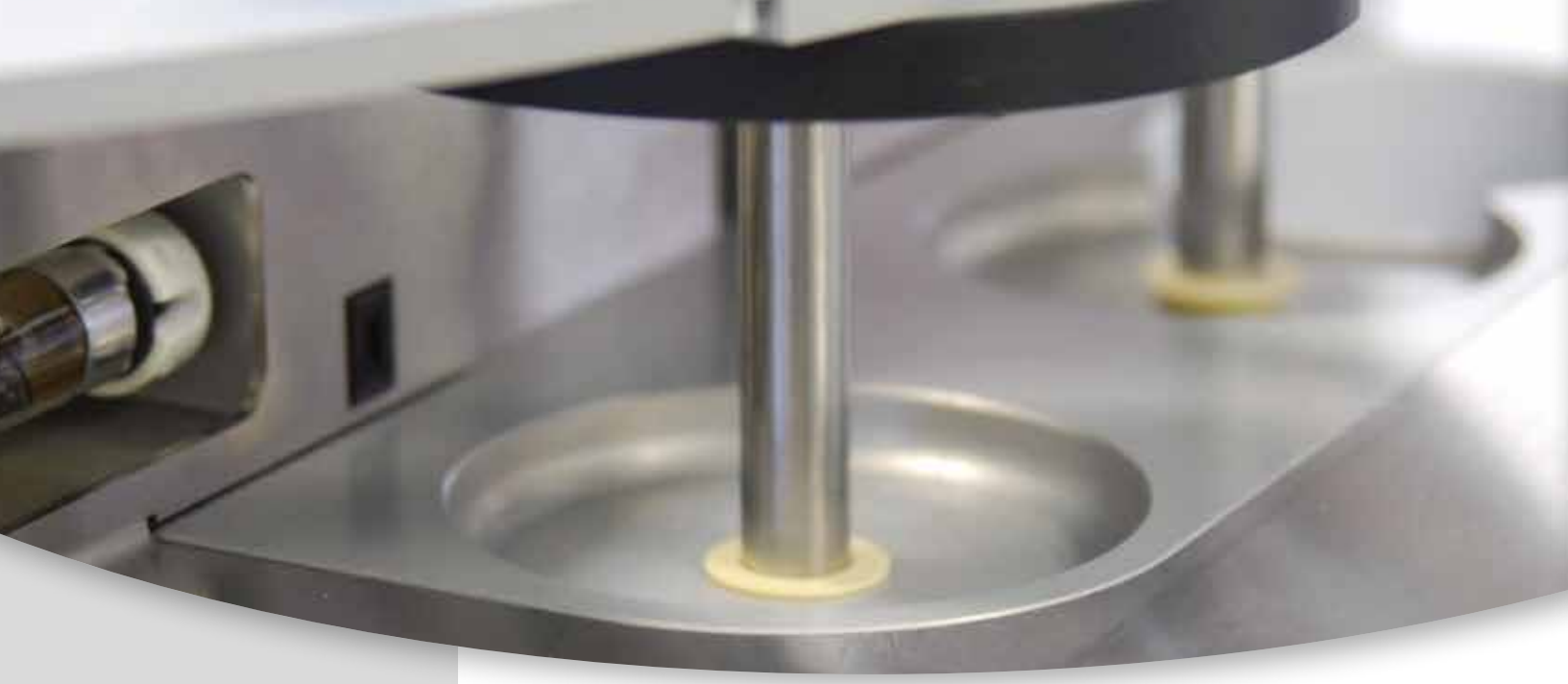
APS One is a true walk-away high-throughput automation system.

Fast Filling Rate

• Need High Productivity?

The optional TURBO Kit enhances the filling rate while keeping the outstanding plate pouring quality. The kit can be mounted in seconds without any tools.





Easy to clean

Easy access to the filling area by removing the shuttle and cover (no tools required).

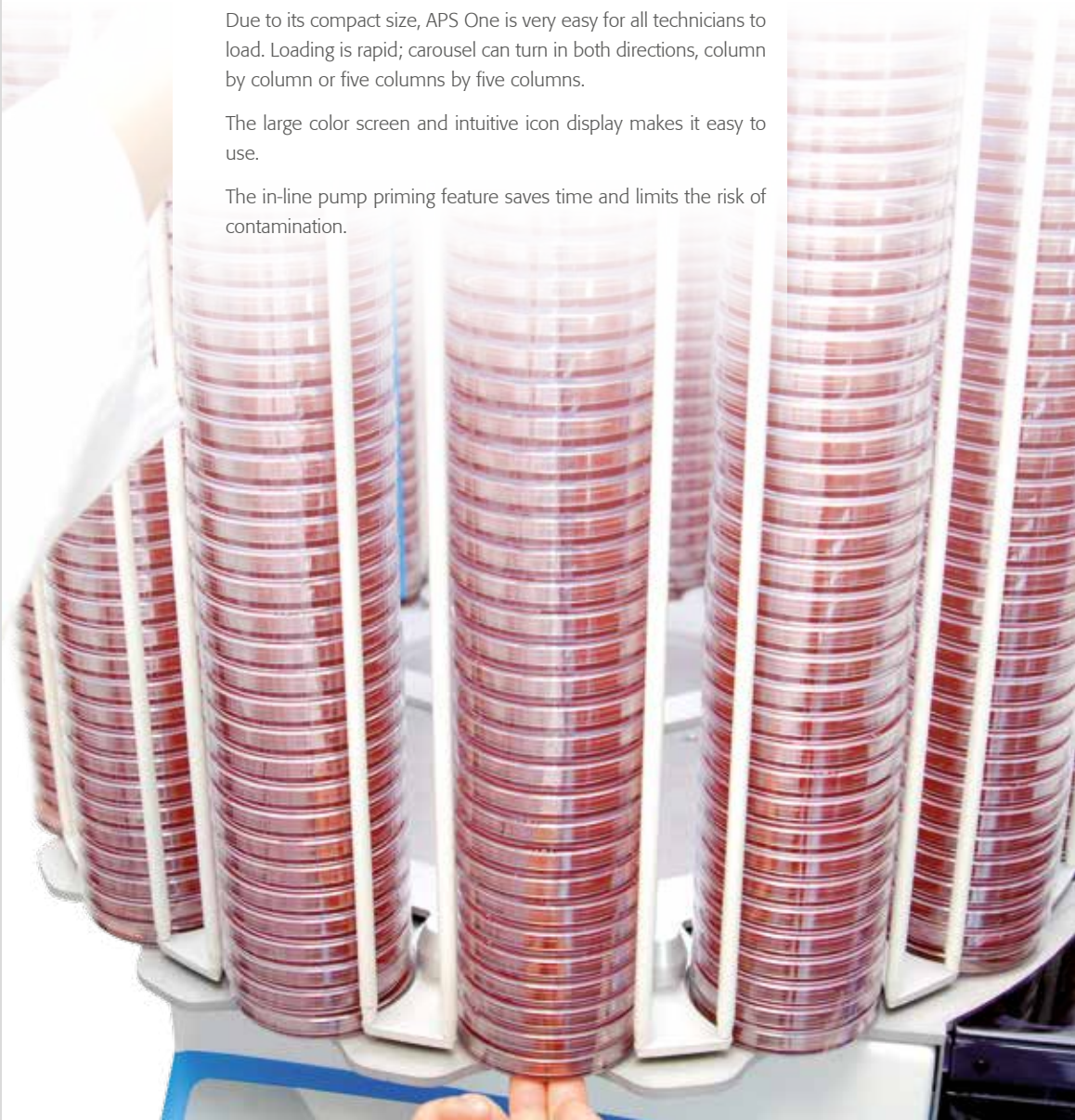
A special cleaning program mode allows safe control of the pistons by the operator.

Simplicity

Due to its compact size, APS One is very easy for all technicians to load. Loading is rapid; carousel can turn in both directions, column by column or five columns by five columns.

The large color screen and intuitive icon display makes it easy to use.

The in-line pump priming feature saves time and limits the risk of contamination.



Pictogram-led Display !

- Large color screen and intuitive icon display.
- Interface can be used with either the integrated keypad or an external PC mouse.
- Total traceability and documentation.
- Storage capacity for 20 different programs.
- Ethernet and USB port for external printer connection.

Flexibility

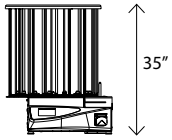
APS One allows you to switch from the 55-60 mm plate carousel to the 90-100 mm plate carousel in less than 3 minutes.

APS One with
55-60 mm plate carousel

Compact and Versatile!

The patented Agar dispensing system has advantages such as:

- Reduced plate opening time **to limit contamination risk**
- Extreme compact size for its capacity, APS One is only 35 inches tall!
- Dimensions H 35" x W 28" x D 25"



APS One with 560 plate carousel
(55-60mm or 90mm)

A: APS One can use most plastic plate brands.* An optional kit allows you to use your APS One to fill 55-60mm plates.

B: The optional ink jet printer ensures total traceability by printing useful information **on the side of 90-100mm and 55-60mm plates.**

C: The ingenious ink jet printer mounting saves bench space.

D: Quality bi-plates can also be produced with the optional kit.

**Contact bioMérieux for plate options.*

Committed to Customer Satisfaction

From Design

At bioMérieux, quality goes beyond product specifications to defining the policies and objectives which shape our company. Each process and procedure is clearly defined, from design to production and logistics. Exceding customer expectations and continuous improvement are at the core of our objectives. Thus, the Company's Quality Assurance system is ISO 9001: 2000 certified.

Each APS One has an IP address and an Ethernet interface enabling remote software updates.

Before…

Profit from our experience in the industrial production of ready-to-use culture media to optimize your own poured media preparation. Our teams study your needs to propose the best production solutions.

…And After Installation

Achieve production under Quality Assurance (guidance and training available), Installation & maintenance, on-site follow up, assistance and training of your technicians.

Specifications

Capacity: 560 plates

Plates/hour: 90mm

Volume	12ml	14ml	18ml
Standard	780	700	650
Turbo mode		900	850

Plates/hour: 55mm

Volume	9ml
Standard	800

Dispensing volume: 1 to 50ml
Plates cooling system: standard (integrated)
Peristaltic pump: easy loading type
Multilingual graphic screen: English, Spanish, German, Italian and French pre-installed, all other languages can be imported by the user
20 programs can be stored in internal memory
Integrated keypad or **USB mouse driven** (order mouse separately)
Traceability recordings on USB key (order key separately)
Ethernet port
UV lamp with user protection (plexiglas cover)
Detection of faulty plates
Pump dispensing mode to fill tubes or flasks…
Connection for external pump (PMi™)
Dimensions: H 35" x W 28" x D 25"
Weight: 132lbs
Packing: H 15" x W 32" x D 71" and H 27" x W 30" x D 30" /154lbs / 2 boxes
Power: 115-230V +/- 10% 50/60Hz

Ordering Information

AESAP1085 **APS One Automated Pourer Stacker for 90 mm plates (Standard Configuration).**

- Delivered with:
  - 2 Plate shuttles A (91-92)and B (92-93) for 90mm plates only
  - 1 Nozzle Holder
  - 1 Plate Guide Rod with its screw
  - 1 User Manual (AESMA108501)
  - 1 CD Rom with German, Spanish, English, French user manual
  - 1 Warranty Certificate, 1 service sticker
  - 1 Power Cable type CE22 / European plug
  - 2 tubing sets for plates 90mm (AESMN8530)
  - 1 tubing set for tube and bottle (AESPM0029)
  - 1 Control Certificate, 1 packing diagram
  - 4 Plastic Cups (part of AESMN8054)
  - 1 Hexagonal Key SW2.5 DI0224

AESAP1086 **APS One Automated Pourer Stacker for 55mm plates**

Please contact bioMérieux Industry Customer Support for Petri plate brand options

Kits and accessories

AESMN8500	Option for 55mm plates (for separate delivery, requires APS One adjustment by Field Service Engineer)
AESPP0046	Twin pump head to use with turbo tubing (AESMN8533) to dispense up to 850 plates of 18ml/plate
AESMN8533	90mm turbo tubing set (with priming nozzle)
AESMN8508B	Bi Plate kit (to order with second pump kit AESMN8506)
AESMN8530	Standard tubing set, 90mm plates
AESMN8506	Second Pump Kit
AESMN8535	Tubing for in-line blood addition (to use with second pump kit AESMN8506)
AESMN8534	55mm tubing set (with priming nozzle)
AESMN8507	Kit for high plate (>17,5mm)
416707	Linx CJ400 Printer Low Noise
AESLM0029	Ticket printer
AESLM0037	Labels 30 x 50mm (5 rolls - 1250u) for printer
AESMA108509	Qualification protocol IQ/OQ (English)

EXPERIENCE: THERE IS NO SUBSTITUTE!

Our automated systems are designed, tested and validated in an industrial petri dish manufacturing environment. This means that by purchasing our equipment, you are benefiting from invaluable industrial and laboratory experience.
Proof of this is that many other manufacturers of ready-to-use culture media actually use bioMérieux equipment.

Masterclave® Culture Media Preparators

Reliable Since 1980 Equipment

1 to 9 L
5 to 28 L
10 to 60 L

blue line AES

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